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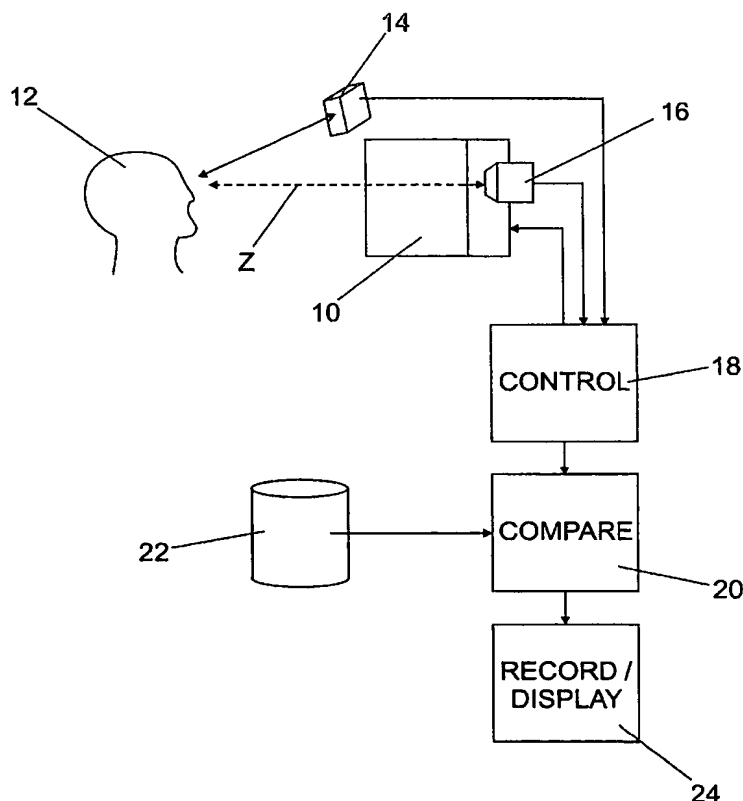
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR THE DIAGNOSIS OF GLAUCOMA AND OTHER VISUAL DISORDERS



(57) Abstract: A subject (12) observes an image on a display (10). A control (18) produces a fixation image at a selected position in the display, followed by a stimulus spaced from the fixation image. An eye position sensor (14) detects a saccade movement towards the stimulus. The stimulus is then replaced with a fixation image and the cycle repeated. The time taken to saccade plus the intensity of the stimulus are used to produce a retinal map of field of vision, or to assess other characteristics of the subject.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61B3/113 A61B3/024

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 920 375 A (FAHLE MANFRED ET AL) 6 July 1999 (1999-07-06) column 1, line 55 - column 3, line 19; figures 1-4	1-3, 14, 15, 22-43
X	US 6 367 932 B1 (DONALDSON WILLIAM BLAIR MACGRE) 9 April 2002 (2002-04-09) column 1, line 32 - last line	1-3, 14, 15, 22-43
A	US 5 422 690 A (ROTHBERG MICHAEL ET AL) 6 June 1995 (1995-06-06) column 4, line 35 - last line	1, 24, 43
A	US 6 089 714 A (GALIANA HENRIETTA L ET AL) 18 July 2000 (2000-07-18) the whole document	1-43

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*G\* document member of the same patent family

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